



MI-CW1711

# Michigan Crop Weather

April 25, 2011

## Cold, Wet Week

One day was suitable for fieldwork during the week ending April 24, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.42 inches to 0.53 inches in the Upper Peninsula and 0.86 to 2.01 inches in the Lower Peninsula. Temperatures ranged from 6 to 8 degrees below normal in the Upper Peninsula and 7 to 9 degrees below normal in the Lower Peninsula. Cooler temperatures and precipitation dominated weather conditions. Measureable snow amounts hindered progress in northern counties. “It was too cold, wet, or windy to get much done,” said a reporter from Oceana County. Any progress came early in the week.

## Field Crops

Little to no progress was made for field crops. Cold temperatures linked with heavy snow in northern counties and rain throughout the state kept all field activities to a minimum. Ponds formed on heavy soils. **Alfalfa** fields greened after some areas broke dormancy. A few acres of **sugarbeets** and **oats** were planted early in the week.

Soil moisture for week ending 04/24/11

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	1	35	64
Subsoil	0	3	48	49

Crop condition for week ending 04/24/11

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Pasture	7	22	28	38	5
Winter Wheat	2	7	24	51	16

## Fruit

There was no substantial tree, vine, or bush damage from the snow last Monday. With the rains last weekend, the first apple scab wetting event was reported for the season. Bud development has been slowed due to the cool weather.

## Vegetables

Continued cool, wet, and even snowy weather hampered vegetable fieldwork this past week, although there was some field activity, particularly on lighter soils. **Asparagus** planting and harvest has been delayed by field conditions. Some **carrots** for processing were planted. Planting is well behind normal for this point in the season for all vegetable crops.

Crop progress for week ending 04/24/11

Crop	This week	Last week	Last year	5-year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley, planted	2	2	50	25
Barley, emerged	1	1	8	2
Oats, planted	14	14	81	51
Oats, emerged	2	2	43	16
Sugarbeets, planted	13	12	100	72

Michigan Weather Summary for Week Ending 04/24/11 <sup>1</sup>

Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2011	2010	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	59	21		37	117		0.50	1.10	2.40	2.40		
Marquette	58	14		39	113		0.53	1.22	2.76	2.76		
Stephenson	59	22		48	139		0.66	1.84	2.70	2.70		
Western UP	61	11	-8	38	120	51	0.42	1.10	2.35	2.35	1.85	2.28
Cornell	56	21		23	123		0.54	1.82	2.70	2.70		
Sault St Marie	57	22		21	107		0.43	1.67	2.84	2.84		
Eastern UP	58	13	-6	23	108	23	0.53	1.82	2.94	2.94	1.95	2.43
Beulah	55	28		56	143		1.30	1.81	5.03	5.03		
Lake City	60	24		51	142		0.95	1.86	3.87	3.87		
Old Mission	52	27		46	146		0.66	1.39	2.49	2.49		
Pellston	57	19		50	143		1.08	2.05	3.15	3.15		
Northwest	60	19	-8	47	138	67	0.86	1.55	3.14	3.14	2.08	2.69
Alpena	55	25		37	129		1.32	1.96	3.71	3.71		
Houghton Lake	58	27		54	149		1.31	1.84	3.68	3.68		
Rogers City	49	26		17	124		1.17	1.83	3.56	3.56		
Northeast	58	25	-8	39	142	61	1.31	1.96	3.75	3.75	2.00	2.52
Fremont	59	29		67	169		1.25	1.73	3.16	3.16		
Hart	56	29		60	146		1.08	1.56	2.49	2.49		
Muskegon	60	30		63	165		1.72	2.28	3.36	3.36		
West Central	60	28	-8	61	157	84	1.24	1.77	2.93	2.90	2.37	3.16
Alma	58	27		50	171		1.58	1.86	3.18	3.18		
Big Rapids	57	28		43	171		2.25	2.95	3.28	3.28		
Central	59	27	-8	53	172	94	1.48	1.89	2.77	2.75	2.25	3.07
Bad Axe	59	29		53	168		2.14	2.51	4.78	4.78		
Pigeon	56	30		53	161		1.65	1.95	3.77	3.77		
Saginaw	58	30		63	186		1.89	2.23	3.83	3.83		
Standish	57	28		48	162		1.56	2.24	3.82	3.82		
East Central	59	28	-9	51	167	91	1.77	2.28	3.84	3.84	1.84	2.55
Fennville	61	29		79	197		1.74	2.18	3.16	3.16		
Grand Rapids	61	29		85	212		2.59	3.09	4.17	4.17		
Holland	61	29		116	211		1.74	2.00	3.26	3.26		
South Bend, IN	69	31		114	225		1.51	2.48	4.18	4.18		
Watervliet	63	31		86	207		1.89	2.54	3.57	3.57		
Southwest	69	27	-8	88	205	109	1.85	2.43	3.50	3.50	2.53	3.41
Belding	61	26		67	184		2.43	2.76	3.74	3.74		
Coldwater	69	31		87	216		1.71	2.39	3.53	3.52		
Lansing	66	28		76	206		2.50	2.73	3.82	3.82		
South Central	69	26	-9	74	198	109	2.01	2.50	3.58	3.58	2.39	3.19
Detroit	73	32		88	224		2.19	2.63	4.20	4.20		
Flint	68	29		80	202		2.29	2.58	3.94	3.94		
Romeo	68	27		69	167		1.28	1.74	3.05	2.88		
Tipton	69	31		87	202		1.78	2.26	3.81	3.81		
Toledo, OH	69	31		79	221		1.65	2.00	3.22	3.21		
Southeast	74	26	-7	80	207	99	1.74	2.11	3.35	3.34	2.46	3.21

<sup>1</sup> Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.